

**GENERAL POWER OF ATTORNEY**  
(Concerning Several International Patent Applications)

The undersigned, Howard J. Rudge, Senior Vice President and General Counsel of E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, Delaware 19898 USA ("DuPont"), hereby confirms that the power to sign for DuPont has been granted to various individuals (as set forth in the attached excerpt from DuPont's Patent Board Rules of Procedure (January 1988), Appendix Section III.A.4), including the Chairman, Vice-Chairman, and those individuals who are Assistant Secretaries of the Patent Board. Currently these Assistant Secretaries are:

Alanson G. Bowen, Jr.  
Linda J. Davis  
John E. Griffiths  
Miriam D. Meconnahey  
Dorothy W. Shafer

In addition, the authority to act on behalf of DuPont before the competent International Authorities in connection with any and all international patent applications filed by it with the United States as Receiving Office and to make or receive payments on its behalf is hereby granted to:

Belopolsky, Inna	43,319	Kelly, Patricia L.	39,247
Birch, Linda D.	38,719	King, Karen K.	34,850
Bowen, Jr., Alanson G.	24,027	Krukiel, Charles E.	27,344
Burgess, Richard H.	22,292	Jarnholm, Arne R.	30,396
Christenbury, Lynne M.	30,971	Levitt, Cary A.	31,848
Deitch, Gerald E.	30,457	Magee, Thomas H.	27,355
Deshmukh, Sudhir	33,677	Majarian, William R.	41,173
Dobson, Kevin S.	40,296	Malinowski, Andrea V.	33,012
Duffy, Roseanne R.	33,869	Mayer, Nancy S.	29,190
Edwards, Mark A.	39,542	McGee, Patricia	37,391
Estrin, Barry	26,452	Medwick, George M.	27,456
Evans, Craig H.	31,825	Morrissey, Bruce W.	30,663
Fair, Tamera L.	35,867	Pham, Hanh T.	40,771
Feltham, S. Neil	36,506	Santopietro, Lois A.	36,264
Floyd, Linda Axiemethy	33,692	Schaeffer, Andrew L.	33,605
Frank, George A.	27,636	Shafer, Robert J.	24,437
Fricke, Hilmar L.	22,384	Shay, Lucas K.	34,724
Golian, Andrew G.	25,293	Shiple, James E.	32,003
Gorman, Thomas W.	31,959	Siegell, Barbara C.	30,684
Gould, David J.	25,338	Steinberg, Thomas W.	37,013
Griffiths, John E.	32,647	Stevenson, Robert B.	26,039
Hamby, Jane O.	32,872	Strickland, Frederick D.	39,041
Hamby, William H.	31,521	Tessari, Joseph A.	32,177
Heiser, David E.	31,366	Tulloch, Rebecca W.	36,297
Hendrickson, John S.	30,847	Walker, P. Michael	32,602
Katz, Elliott A.	26,396	Wang, Chen	38,650

The undersigned ratifies fully all actions already taken by the above-named individuals in accordance with the authority granted hereby.

E. I. DU PONT DE NEMOURS AND COMPANY

By: Howard J. Rudge  
Howard J. Rudge  
Senior Vice President and General Counsel

Date: February 19, 1999